

# Aluminised Glass Cloth

**Glass fibre is a wholly natural material, ecologically pure and non-harmful; it is formed from one the earth's most abundant materials, quartz sand mineral. It has fire resistance, high thermal resistance, chemical resistance, noise absorbing properties, water repellent, high tensile strength, excellent reinforcement and covering material**

Glass cloth is manufactured unfaced or with aluminium foil facing

## DESCRIPTION

The liquid glass melt is spun into fibres. Binders are added to make the material stable and water repellent. Glass fibre can be twisted, warped, woven, and treated like any other fibre. Its many rare characteristics render it especially valuable, including strength, flexibility, non-combustibility, water and chemical resistance.

## AVAILABILITY

- Available in 50 meters roll
- Usual roll width is 1m

## APPLICATION

- Used for Removable thermal insulation for Turbine casing, MSV, CV valves etc.
- Used over Cement Insulation to avoid absorption of oil and grease.
- High thermal radiation reflection use.

## PACKING

- In rolls on pallet
- Shipped in 20' Container



## PHYSICAL PROPERTIES

Description	Specification
Width	1000 mm
Thickness	0.9 mm +/- 0.01
Foil Thickness	25 micron
Roll Length	50 meter
Weight	840 gm / m <sup>2</sup>
Warp / Weft	18 +/- 1 & 13 +/- 1
Tensile Strength	2050N +/- 10N / 25mm
Finish	Alu Foil
Standard	DIN EN ISO 6491 B
Service Temp	-30 deg C to 300 deg C

Address: 3, Classon Close, West Drayton Middlesex, United Kingdom, UB7 7JU  
 Telephone no.: +44 2038806009 Fax no.: +44 2038808009  
 Email: sales@dynamicthermal.com

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